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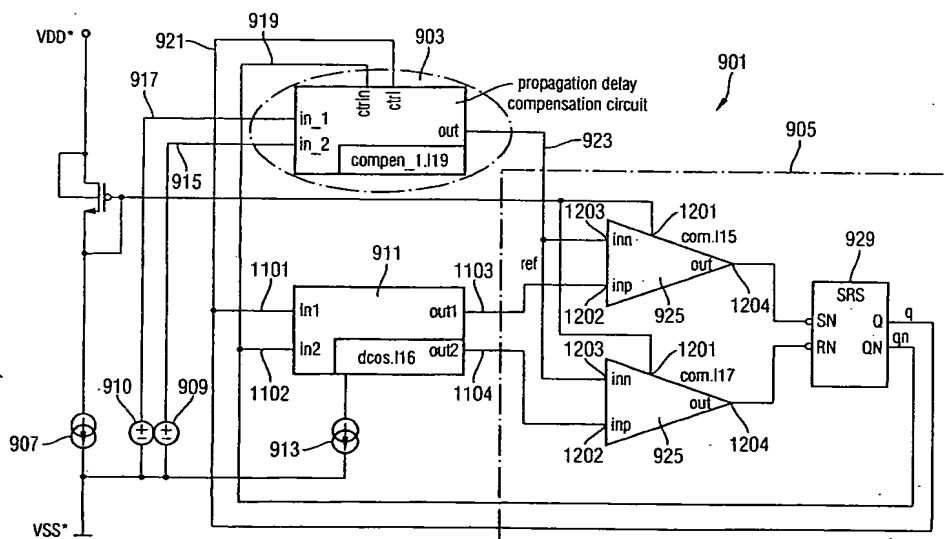
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(54) Title: RELAXATION OSCILLATOR WITH PROPOGATION DELAY COMPENSATION FOR IMPROVING LINEARITY AND MAXIMUM FREQUENCY



(57) Abstract: The present invention uses a variable reference voltage to compensate for propagation delay in a tunable oscillator caused by delays in the electronic components. The reference voltage is decreased as the control current increases and is varied in frequency to match the phase of the oscillator.

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